

CIS 510: Final Project Proposal

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February 23, 2020

In this final project I will use my research in Higher Order Lagrange Elements and demonstrate their uses in VTK-m. A minimum viable product is a demonstration of a mesh and field being read into VTK-m. I can also demonstrate linearized versions of higher order hexahedrons.

If this does not work out my backup is to use my DRP machine learning research. The minimum viable product here is demonstrating my current progress and discussing the challenges and different models that I have used to mixed success.